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Student Group, NIH Director Linked by Satellite

Two groups of students and faculty members, 3,000 miles apart, were linked by satellite to talk informally with National Institutes of Health Director Dr. Donald S. Fredrickson about the implications of recombinant DNA research and the current NIH guidelines on this subject being discussed nationwide. The interactive program, originating from the NLM studio operated by the Library's Lister Hill Center, was transmitted from Bethesda to the NASA/Ames Research Center at Moffett Field, California, by the Communications Technology Satellite (*News*, May 1977).

FASST president Allan Ladwig (left) and a group of students and faculty members in Bethesda listen as Dr. Fredrickson talks via satellite with another group in California.

The experimental program, broadcast April 20th, was developed by the Forum for the Advancement of Students in Science and Technology (FASST) in cooperation with the National Aeronautics and Space Administration and NIH. The test, one of a series to demonstrate the feasibility of using a satellite for health education, provided an unusual opportunity for the students to have direct access to a high-ranking Federal policy maker.

New NLM Scope & Coverage Manual

Since 1951 the National Library of Medicine (then the Army Medical Library) has had a series of scope and coverage manuals to guide staff in selecting literature for the NLM collection. These periodically revised manuals defined the subjects pertinent to medicine ("scope") and the extent to which material, depending on its degree of pertinence, should be collected ("coverage").

Because of the expansion of knowledge in biomedicine, changes in the organization of health care, and distribution of biomedical information in new formats, the NLM Board of Regents recommended that the most recent Scope and Coverage Manual, issued in 1972, be revised.

The Regents appointed a Study Group on Library Policy Issues* which, with the addition of consultants** and NLM staff, comprised a Subcommittee on Scope and Coverage. The Subcommittee prepared a draft Scope and Coverage Policy which was adopted by the Board at its June 1976 meeting. Following adoption of the new policy, Mrs. Paula Meise Strain (Assistant to the Chief, Technical Services Division) was assigned the responsibility of preparing the new Scope and Coverage Manual. The final

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NATIONAL LIBRARY OF MEDICINE
NEWS

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draft was presented to the NLM Board of Regents at its recent meeting on May 19th.

Several features of the Manual should make it an easy-to-use reference tool for staff. There is a list of in-scope subjects grouped according to their pertinence to medicine (core subjects, related subjects, peripheral subjects); the subjects within these three groups are listed by classification number. The core subjects have been greatly expanded to include, for example, health care delivery, education and continuing education of both the traditional and the newer allied health professionals, and hospitals and hospital administration. In addition, there are guidelines for selecting print and non-print materials.

Because of the unique nature of NLM's collecting policy, the scope and coverage manual is intended primarily for internal use.

* Dr. Faye Abdellah (Assistant Surgeon General, Chief Nurse Officer, USPHS, and Director of DHEW's Office of Long-Term Care), Chairman; Dr. Max Michael, Jr. (Executive Director, Jacksonville Hospital Educational Programs, Inc.); Mrs. Bernice Hetzner (Professor of Library Science, University of Nebraska Medical Center); and Dr. Joseph Leiter (Associate Director for Library Operations, NLM).

** Mr. William Beatty (Professor of Medical Bibliography at Northwestern University); Dr. Frank Rogers (former Director of NLM); and Dr. Norman Shumway (former Head of the Medical Subject Headings Section, NLM).

AV Support for Continuing Education at Mount Sinai School of Medicine

How can medical librarians best serve the need for audiovisual materials in continuing education (CE) programs? What kinds of interaction should there be between librarians and continuing education faculty? How should outreach programs in CE be promoted?

These are some of the questions being explored at New York's Mount Sinai School of Medicine through a project funded by a three-year NLM Medical Library Resource Project Grant. The grant provides for salaries, AV hardware, and AV software. The project will be directed by the Levy Library, with most activity aimed at Mount Sinai's Page and William Black Postgraduate School of Medicine. The postgraduate school offers some 90 continuing education courses with an enrollment of over 2,500.

According to the project director—Rachael Goldstein of Mount Sinai's Levy Library—although library AV services in support of undergraduate medical education are fairly well established in medical schools, there is a paucity of information regarding their effectiveness in formal continuing education programs.

The Levy Library is working with the faculty at the postgraduate school to develop specific subject packages composed of existing print and non-print materials geared to the content of various CE courses being offered. As these packages are developed, the Levy Library will promote their use—through exhibits, posters, and announcements—by participants in the formal CE courses, as well as by other health professionals at Mount Sinai and at affiliated institutions. Bibliographies of the materials in these multimedia packages will later be available to other libraries and medical center departments throughout the Region and to other Regional Medical Libraries.

Index Medicus: Holding Up Better?

Since the July 1976 issue, lighter (80 pound) paper stock has been used in the printing of *Index Medicus*. This change was made in an effort to reduce the thickness of *IM* as well as to improve the durability of the monthly bibliography by reducing the strain on its binding.

NLM would like to solicit comments from *Index Medicus* subscribers on the basis of their experience over the past year. Are the volumes holding up better? Perhaps it's too early to tell yet—last year's monthly issues have presumably been replaced by the 1976 *Cumulated Index Medicus* and the January 1977 issue still has a life expectancy of 9 or 10 months.

Nevertheless your comments and suggestions would be appreciated. Send them to Robert Mehnert, Office of Inquiries and Publications Management, NLM, 8600 Rockville Pike, Bethesda, MD 20014.

Workshop for On-Line Coordinators

The coordinators of on-line services for the eleven Regions held their second annual meeting at the National Library of Medicine on April 21 and 22.

The first morning of the workshop was taken up with discussion and review of the NLM Memorandum of Understanding (revised in January 1977 to incorporate items relating to both MEDLINE and TOXLINE), regional statistics, combining the TOXLINE and the MEDLARS technical bulletins, and revised billing and administrative information. There was also a lively exchange of ideas on the training of on-line analysts, including the priorities for class assignments, one-day update sessions, and off-site training.

NLM staff members provided a series of short talks on CATLINE, AVLINE, SERLINE, the Toxicology Data Bank, and the selection and indexing of monographs and special list journals. They also provided overviews of NLM planning, NLM/SUNY computer ac-

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Revised Interlibrary Loan Policy

The NLM interlibrary loan policy has been revised and is reprinted in this issue of *NLM News*. In addition to a few changes, this revision serves to reiterate the long-standing NLM policy not to copy complete chapters of monographs. The fact that some multi-authored monographs are indexed in *Index Medicus* does not alter the Library's photocopying policy. Monographs will be loaned in the original form to libraries in the United States. Up to three papers from the published proceedings of a congress or symposium will continue to be copied.

Changes in the revised policy relate to the loan of monographic works. A statement has been added indicating that borrowing libraries are not to copy from material loaned in the original form, and requests for monographs sent on ALA Interlibrary Loan Request Forms are to be accompanied by a return-address label. Outgoing postage charges will continue to be borne by NLM. Citations for monographs verified in *NLM Current Catalog*, CATLINE, or MEDLINE must include NLM call numbers when available, otherwise the citations will be considered incomplete and subject to rejection. Finally, the loan period for material in the original form has been shortened to three weeks from the date sent from NLM instead of the former four weeks. A continuing rise in demand for monographs has suggested this change in the interest of making material available more rapidly to requesting libraries (*News*, May 1977).

NATIONAL LIBRARY OF MEDICINE fact*sheet

Bethesda, Maryland 20014 June 1977

INTERLIBRARY LOAN POLICY
Revised May 1977

Most of the literature in the collection of the National Library of Medicine (NLM) is available for loan to any library, with the exception of indexes and abstracts, general library and information science material, and current trade publications for which the presumption of widespread availability is reasonable. The Library will lend only those items which fall within the scope and coverage policy governing its collection. Only a few requests should be submitted at one time from any library or for any one patron. Requests for reprints should be directed to the author.

Readers who cannot obtain medical literature in their Regions and who cannot come to the National Library of Medicine in person may secure material through the interlibrary loan service by applying through their Regional Medical Library or local resource library. Loans from NLM are made subject to compliance with the following regulations and instructions and the provisions of the National Interlibrary Loan Code of the American Library Association (ALA).

Form of Loans

1. The National Library of Medicine reserves the right to determine whether material will be loaned in the original form or as a photoduplicate or microfilm. Material loaned in the original form is not to be copied by the requesting library.

2. Photoduplicates or microfilm sent instead of original material will be supplied without charge to libraries in the United States. Photoduplicates may be retained permanently by the borrowing library or its patron unless return is specifically requested by NLM.

3. In most cases, complete issues or volumes or substantial portions of issues or volumes will not be copied as a loan. Multiple copies will not be furnished. Photocopies will be limited to no more than one article per issue and three articles per volume from any journal. Exceptions may be made for material in the History of Medicine collection.

4. Photocopies of individual papers from the published proceedings of a congress or symposium will be limited to no more than three items. Chapters of indexed monographs will not be copied because of NLM copyright limitations. Monographs will be loaned in the original form to libraries in the United States.

Method of Borrowing

1. Borrowing libraries will submit typed requests on ALA Interlibrary Loan Request Forms or by TWX. Requests made by letter or on other forms cannot be processed and will be returned to the sender. Each item or item segment must be requested on a separate form.

2. Each request on a form must be authenticated in handwriting by authorized personnel in the borrowing library. Unsigned requests will be returned.

3. Requests for monographs on ALA Interlibrary Loan Request Forms must be accompanied by a label bearing the address of the requester.

4. Libraries are expected to avail themselves of the resources of their Region rather than directing requests to NLM. Regional Medical Libraries and their participating libraries which are unable to fill requests will forward them to NLM for processing. NLM does not assume responsibility for referring requests for items it cannot supply.

For Interlibrary Loan Information

1. General Collection .....(301) 496-5511, TWX 710-824-9615, Telex (301) 496-4840
2. History of Medicine Division (301) 496-5405

Citations

1. Citations should be complete. Periodical references should contain (1) the name of the journal, (2) date of issue, (3) volume and number, and (4) author, title, and pagination of article. References to books should include full name of author, title, edition, place, publisher, and date of publication. Omission of any of these items could result in rejection of the request.

2. Citations for all requests for monographs verified in *NLM Current Catalog*, CATLINE, or MEDLINE must include DNLM call numbers when available, otherwise they will be considered incomplete and subject to rejection.

3. Incorrect references will not be verified by this Library unless the borrowing library has exhausted its bibliographic resources, in which case notation to that effect and summary of sources searched should be furnished on the form.

4. If a reference cannot be verified by the requesting library, the bibliographic citation to its source should be given.

Loan Period

1. The borrowing library must return original material within three weeks of the date sent from NLM unless a shorter period is specified.

2. An original volume loaned by NLM may be recalled at any time.

3. No renewals will be granted.

Delivery and Returns

1. All loans will be sent out by NLM with postage paid.

2. The borrowing library should take great care in packing volumes for return to NLM. Corners and edges of books should be well protected; unbound material should not be rolled, but should be sent flat.

3. The borrowing library will pay postage costs for the return of loans of volumes.

4. Borrowing libraries are responsible for volumes from the time they receive them until they are returned to NLM and received there. Materials lost during that interval must be replaced by the borrowing library. For the protection of the borrower, books should be insured while in transit.

Special Photographic Services

1. Special photographic procedures are required to copy some items in the collection, and a charge will be made for this service. Cost estimates are available on request. NLM will consider requests for copying items such as portraits, photographs, and other pictorial work as facilities allow. Advance payment is required for this work. In general, rapid service on these requests is not available.

2. Orders for materials protected by copyright will not be accepted for special photographic service unless accompanied by written permission from the copyright owner.

3. Special rules apply to material in the historical collection. For further information address the Chief, History of Medicine Divison.

Requests from Foreign Countries

1. Requests which are filled for foreign libraries are assessed a fee. Libraries in countries which are signatories to an Agency for International Development agreement with NLM are not billed.

2. Original material will not be sent outside the United States.

Continued from page 3
tivities, on-line communication devices, and optimal use of computer resources.

A formal debate on the question "Should the Health Professional be Allowed to Do His/Her Own Search?" was held; the audience voted that the pro side had the better of the debate.

Three working groups submitted written summaries and recommendations on the following topics:

- Group 1: *Extension of Service to Health Care Facilities*
- Group 2: *Standards for On-Line Center Application Blanks*
- Group 3: *Charges for Searches*

As a result of the recommendations, NLM has established two committees to continue work on the topics discussed in Groups 1 and 2. A report will be presented to the Regional Medical Library Directors this month on the standards for the on-line center application packets. The committee on the extension of service to health care facilities will continue work over the next two years. NLM projects that at the end of that time there will be 250 hospitals and other direct health care facilities with access to the on-line data bases.

Awards and Honors

Director Receives Honorary Degree, Assumes Osler Society Presidency

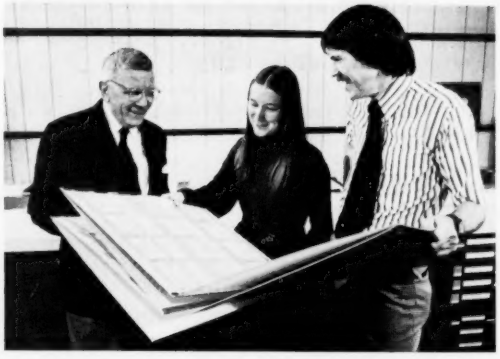
NLM Director Martin M. Cummings, M.D., has been presented with the highest scientific award which can be granted by a medical academy in Poland. On June 7th, Dr. Cummings accepted the title of *doctor honoris causa* in a ceremony at the Medical Academy of Lodz. Professor Antoni Kotelko, rector of the Academy, cited Dr. Cummings' contributions in organizing and applying modern technology for biomedical communications.

Dr. Cummings assumed the post of President of the American Osler Society at a recent meeting of the Society held at the Mayo Clinic in Rochester, Minnesota. The Society was organized in 1970 for the purpose of bringing together members of the medical and allied professions who are convinced of the importance of humanism in medicine as exemplified by the career of William Osler (1849-1919).

NMAC Film Wins Award

Right Heart Catheterization, an instructional motion picture developed by the National Medical Audiovisual Center, has received the National Society for Performance and Instruction's 1976-1977 Outstanding Research Effort award.

The motion picture, designed for students of basic cardiovascular physiology, was developed by a team of NMAC specialists: Morton J. Oppenheimer, M.D., Margaret L. Brooke, and Richard W. Bell. The film was the outcome of a research project designed to study the use of a motion medium to teach higher level processes (in this case, determining catheter location from blood pressure readings shown on an oscilloscope). The nomination paper for the NSPI describing the research project was written by Miss Brooke and Richard A. Lasco, Ph.D.



Dr. Oppenheimer, Miss Brooke, and Mr. Bell review the production plan (storyboard) for the motion picture *Right Heart Catheterization.*

Right Heart Catheterization will be available by the end of July in both 16mm motion picture and videotape formats: on short-term loan from the Materials Utilization Branch, National Medical Audiovisual Center (Annex), Atlanta, GA 30324; and for purchase from the Sales Branch, National Audiovisual Center (GSA), Washington, D.C. 20409.

At the recent meeting of the NLM Board of Regents, May 26-27, Emilie Wiggins, Head of the Cataloging Section, received from Board Chairman Dr. Joseph Volker the 1977 Regents Award; the NLM Director's Award was presented by Dr. Cummings to Dr. John Blake, Chief, History of Medicine Division, Dr. Peter Olch, Deputy Chief, History of Medicine Division (not in photo), and Mary Corning, Assistant Director for International Programs. Miss Wiggins, Head of the Cataloging Section since 1962, was cited both for her efforts to make the NLM catalog file conform fully to the current Anglo-American rules, and for her massive restructuring and modernization of the *NLM Classification* (scheduled for publication in late 1977). The Director's Award honored three NLM employees for their participation in the Colloquium on the Bicentennial of Medicine in the U.S. (May 6-7, 1976; *News*, June 1976). The three staff members each made a presentation at the colloquium; in addition, Miss Corning was colloquium coordinator, and Drs. Blake and Olch developed a special Bicentennial exhibit. Pictured from left to right: Cummings, Corning, Blake, Wiggins, and Volker.

NLM Associates Named for 1977/78

Six new Library Associates have been chosen for a year of training at the National Library of Medicine to begin next October. The six, all recent recipients of masters degrees in library science, will participate in a program of lectures, demonstrations, and practical experience. Individual project assignments related to developing or managing information systems and services will not only contribute to the Associates' professional growth, but will also be of practical value to NLM.

The six Associates, with their undergraduate subject major and library school, are:

- Martha Benzer (Spanish), University of California at Los Angeles
- James Cain (biology), Emory University
- Daza Craig (biology), North Texas State University
- Patricia Healy (German), University of Michigan
- Marguerite Kelly (zoology, public health), University of California at Berkeley
- Julia Sollenberger (mathematics), University of Indiana

NLM Serial Gap List

The following journal issues are this month's continuation to the list of gaps in the Library's collection. If you can supply any of these items, please address them to:

National Library of Medicine
TSD-GAPS
8600 Rockville Pike
Bethesda, MD 20014

Advances in Biology of Skin 8, 1967
Biologicheskie Nauki 1964; 8, 1971: 1, 1972
Ceskoslovenska Stomatologie 57, 1957
Japanese Journal of Pharmacology 15: 1-4, 6, 1965; 23: 6, 1973
Japanese Journal of Physiology 15: 1-6, 1965
Japanese Journal of Tuberculosis and Respiratory Diseases 15: 2-4 1968; 16: 3-4, 1970; 17: 1-4, 1971
Jibiinoka. Otorhinolaryngology 36: 2, 1964; 42: 7, 10-12, 1972
Job Safety and Health 4: 1, 1976
JOGN Nursing 1: June, 1972; 3: 2, 1974

Jornal Brasileiro de Ginecologia 74: 1, 4-6, 1972; 75: 4-7, 1973

Journal–Academy of General Dentistry 17: 1-2, 1969

Journal–Addiction Research Foundation 2: 5, 1973; 4: 1, 1975

Journal of the American Academy of Gold Foil Operators 14: 2, 1971; 16: 2, 1973; 17: 1, 1974

Journal of American Animal Hospital Association 5: 1-3, 5-6, 1969; 9: 5, 1973

Journal of the American Dental Hygienists Association 41: 1-2, 1967; 44: 2, 4, 1970; 46: 3, 1972

Journal–American Health Care Association 1: 3, 1975; 2: May, 1976

Journal of the American Podiatry Association 61: 1, 1971

Journal of Antibiotics 26: 8, 11, 1973

Journal of Applied Psychology 57: 5, 1973

Khirugiia 45: 7-9; 49: 4

Personnel Notes

Staff Gains

- Evelyn Beasley, Library Technician, Bibliographic Services Division

Staff Losses

- Evelyn Awai, Computer Operator, Office of Computer and Communications Services
- Christine Chapman, Computer Specialist, Lister Hill Center
- Richard DeVierno, MEDLARS Records Assistant, Bibliographic Services Divison
- Jean Dunn, Secretary, Bibliographic Services Divison
- Linda Rieder, Library Technician, Technical Services Division

Erratum

The May *News*, page 1, incorrectly identified Dr. Robert Hunter as president of the University of Washington. The identification should have read: "trustee of the American Medical Association and an organizer of the conference."